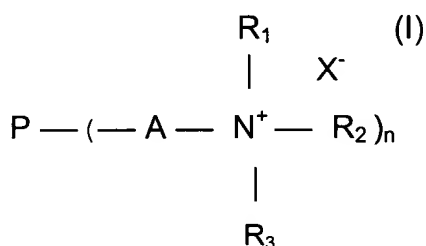


CLAIMS

1. **(Original)** An aqueous sizing dispersion comprising a sizing agent, starch having aromatic groups and a condensed sulfonate, wherein the starch contains less than 95 weight % of amylopectin.
2. **(Original)** The aqueous dispersion according to claim 1, wherein the starch contains less than 90 weight % of amylopectin.
3. **(Original)** The aqueous dispersion according to claim 1, wherein the condensed sulfonate is a condensation product of aromatic sulfonic acids and aldehyde.
4. **(Original)** The aqueous dispersion according to claim 1, wherein the condensed sulfonate is a condensation product of aromatic sulfonic acids and formaldehyde.
5. **(Original)** The aqueous dispersion according to claim 1 wherein the condensed sulfonate is a condensation product derived from aromatic compounds selected from naphthalene, naphthalene and cresol, diphenyl ether, toluene, isopropylbenzene, cresol, and phenol.
6. **(Original)** The aqueous dispersion according to claim 1, wherein the condensed sulfonate is a condensation product of naphthalene sulfonic acid and formaldehyde.
7. **(Original)** The aqueous dispersion according to claim 1, wherein the sizing agent is a cellulose-reactive sizing agent.
8. **(Original)** A method of sizing paper comprising adding an aqueous sizing dispersion comprising a sizing agent, starch having aromatic groups containing less than 95 weight % of amylopectin and a condensed sulfonate, to an aqueous suspension containing cellulosic fibres, forming and dewatering the suspension on a wire, wherein the suspension has a conductivity of at least 0.5 mS/cm.
9. **(Original)** The method of sizing paper according to claim 8, wherein the suspension has a conductivity of at least 4.5 mS/cm.
10. **(Original)** The method of sizing paper according to claim 8, wherein the starch contains less than 90 weight % of amylopectin.

11. **(Original)** The method of sizing paper according to claim 8, wherein the condensed sulfonate is a condensation product of naphthalene sulfonic acid and formaldehyde.
12. **(Original)** The method of sizing paper according to claim 8, wherein the sizing agent is a cellulose-reactive sizing agent.
13. **(Original)** An aqueous sizing dispersion comprising a sizing agent, starch having the general structural formula (I):



wherein P is a residue of a starch; A is a chain of atoms comprising C and H atoms attaching N to the polysaccharide residue, R<sub>1</sub> and R<sub>2</sub> are each H or a hydrocarbon group, R<sub>3</sub> is an aromatic hydrocarbon group, n is an integer from 2 up to 300000, and X<sup>-</sup> is an anionic counter ion, and a condensed sulfonate, wherein the starch contains less than 95 weight % of amylopectin.

14. **(Original)** The aqueous dispersion according to claim 13, wherein the starch contains less than 90 weight % of amylopectin.
15. **(Original)** The aqueous dispersion according to claim 13, wherein the condensed sulfonate is a condensation product of aromatic sulfonic acids and aldehyde.
16. **(Original)** The aqueous dispersion according to claim 13, wherein the condensed sulfonate is a condensation product of aromatic sulfonic acids and formaldehyde.
17. **(Original)** The aqueous dispersion according to claim 13, wherein the condensed sulfonate is a condensation product derived from aromatic compounds selected from naphthalene, naphthalene and cresol, diphenyl ether, toluene, isopropylbenzene, cresol, and phenol.
18. **(Original)** The aqueous dispersion according to claim 13, wherein the

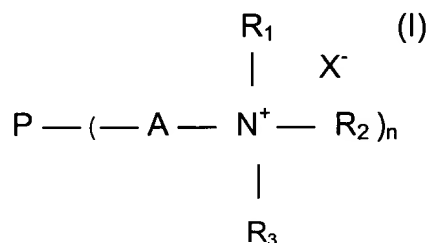
condensed sulfonate is a condensation product of naphthalene sulfonic acid and formaldehyde.

19. **(Original)** The aqueous dispersion according to claim 13, wherein  $R_1$  and  $R_2$  are alkyl groups having at least 2 carbon atoms, and  $R_3$  is an aralkyl group including benzyl and phenylethyl groups.

20. **(Original)** The aqueous dispersion according to claim 13, wherein the sizing agent is a cellulose-reactive sizing agent.

21. **(Original)** The aqueous dispersion according to claim 13, wherein the sizing agent is selected from ketene dimers and acid anhydrides.

22. **(Original)** A method of sizing paper comprising adding an aqueous sizing dispersion comprising a sizing agent, starch having the general structural formula (I):



wherein P is a residue of a starch; A is a chain of atoms comprising C and H atoms attaching N to the polysaccharide residue,  $R_1$  and  $R_2$  are each H or a hydrocarbon group,  $R_3$  is an aromatic hydrocarbon group, n is an integer from 2 up to 300000, and  $X^-$  is an anionic counter ion, and a condensed sulfonate, the starch containing less than 95 weight % of amylopectin, and a condensed sulfonate, to an aqueous suspension containing cellulosic fibres, forming and dewatering the suspension on a wire, wherein the suspension has a conductivity of at least 0.5 mS/cm.

23. **(Original)** The method of sizing paper according to claim 23, wherein the suspension has a conductivity of at least 4.5 mS/cm.

24. **(Original)** The method of sizing paper according to claim 23, wherein the starch contains less than 90 weight % of amylopectin.

25. **(Original)** The method of sizing paper according to claim 23, wherein the

condensed sulfonate is a condensation product of naphthalene sulfonic acid and formaldehyde.

26. **(Original)** The method of sizing paper according to claim 23, wherein the sizing agent is a cellulose-reactive sizing agent.